

Substance Details Report

May 30, 2009

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	649707
EPA Registry Name	Polycyclic organic matter	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Polycyclic organic matter -- CAA 112B		
Systematic Name List	Environmental Protection Agency Data Systems		
Preferred Acronym			
CAS Number			
EPA Identification Number	E649707		
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula			
Molecular Weight			
Comment/Description			
Definition	Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 degrees C.		
Classifications			

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

There is no structure Information for this substance.

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
CAA112(b) HAP	Polycyclic organic matter	Valid		
CAA112(b) HON	Polycyclic organic matter	Valid		
CERCLA	Polycyclic organic matter	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
AFS	Polycyclic organic matter	Valid		
AQS	Polycyclic organic matter	Valid		
CAMEO	Polycyclic organic matter	Valid		
CERCLIS3	Polycyclic organic material	Unknown		
NEI	Polycyclic organic matter	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ChemIDStd	Polycyclic organic matter	Valid		

Ad Hoc List

There are no Synonyms of this type.

EPA Synonyms

There are no Synonyms of this type.

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Components

Substance Components

List Name
Group Type
Definition
Comment/Description

NEI

Systematic Name	Synonym	List Acronym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Polycyclic organic matter - 16-PAH	Polycyclic organic matter - 16-PAH	NEI			E17134016		
Pyrene, 1-nitro-	Pyrene, 1-nitro-	NEI	5522-43-0				
Phenanthrene, 1-methyl-	Phenanthrene, 1-methyl-	NEI	832-69-9				
Anthracene, 9-methyl-	Anthracene, 9-methyl-	NEI	779-02-2				
9H-Fluorene, 2-nitro-	9H-Fluorene, 2-nitro-	NEI	607-57-8				
Dibenz[a,j]acridine	Dibenz[a,j]acridine	NEI	224-42-0				
Benzo[j]fluoranthene	Benzo[j]fluoranthene	NEI	205-82-3				
Perylene	Perylene	NEI	198-55-0				
Naphtho[1,2,3,4-def]chrysene	Naphtho[1,2,3,4-def]chrysene	NEI	192-65-4				
Dibenzo[def,p]chrysene	Dibenzo[def,p]chrysene	NEI	191-30-0				
Dibenzo[b,def]chrysene	Dibenzo[b,def]chrysene	NEI	189-64-0				

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Systematic Name	Synonym	List Acronym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Benzo[<i>rst</i>]pentaphene	Benzo[<i>rst</i>]pentaphene	NEI	189-55-9				
Naphthalene, 2-chloro-	Naphthalene, 2-chloro-	NEI	91-58-7				
Naphthalene, 1-methyl-	Naphthalene, 1-methyl-	NEI	90-12-0				
Benz[<i>j</i>]aceanthrylene, 1,2-dihydro-3-methyl-	Benz[<i>j</i>]aceanthrylene, 1,2-dihydro-3-methyl-	NEI	56-49-5				
Benz(a)anthracene, 12-methyl-	Benz(a)anthracene, 12-methyl-	NEI	2422-79-9				
Chrysene, methyl-	Chrysene, methyl-	NEI	41637-90-5				
Benzopyrene, methyl-	Benzopyrene, methyl-	NEI	65357-69-9				
Benzo[<i>ghi</i>]fluoranthene	Benzo[<i>ghi</i>]fluoranthene	NEI	203-12-3				
Chrysene, 6-nitro-	Chrysene, 6-nitro-	NEI	7496-02-8				
Pyrene, 1,6-dinitro-	Pyrene, 1,6-dinitro-	NEI	42397-64-8				
Benzo[<i>c</i>]phenanthrene	Benzo[<i>c</i>]phenanthrene	NEI	195-19-7				
Anthracene, methyl-	Anthracene, methyl-	NEI	26914-18-1				

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Systematic Name	Synonym	List Acronym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Pyrene, 1,8-dinitro-	Pyrene, 1,8-dinitro-	NEI	42397-65-9				
Naphthalene, 2-methyl-	Naphthalene, 2-methyl-	NEI	91-57-6				
Benz[a]anthracene, 7,12-dimethyl-	Benz[a]anthracene, 7,12-dimethyl-	NEI	57-97-6				
Benzo[e]pyrene	Benzo[e]pyrene	NEI	192-97-2				
Chrysene, 5-methyl-	Chrysene, 5-methyl-	NEI	3697-24-3				
Pyrene, 1-methyl-	Pyrene, 1-methyl-	NEI	2381-21-7				
Benz[a]aceanthrylene	Benz[a]aceanthrylene	NEI	203-33-8				
Cyclonaphthenes	Cyclonaphthenes	NEI			E17134156		
Extractable organic matter (EOM)	Extractable organic matter (EOM)	NEI			E17134131		

Component Of

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Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Organic compounds	Organics			E966226		

Related References

<http://www.epa.gov/ttn/atw/hlthef/polycycl.html>